20071115.ba v04_n108.bam.20071115

>From ???@??? Wed Nov 14 19:19:11 2007 -0600
Date: Thu, 15 Nov 2007 01:17:50 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4108
Message-Id: <20071115011752.296F4470187@srvr1.theporch.com>

BOATANCHORS Digest 4108

Topics covered in this issue include:

 1) Re: Meter - zero adjustment
 by "Tom Rauch" <w8ji@contesting.com>
 2) Re: Meter - zero adjustment
 by Bob Roehrig <broehrig@aurora.edu>
 3) Beep Beep Beep Beacon
 by "David Stinson" <arc5@ix.netcom.com>
 4) Re: Beep Beep Beep Beacon
 by Scott Robinson <spr@earthlink.net>
 5) Re: Meter - glass seal
 by Richard Post <postr@ohiou.edu>
 6) Re: Drake 2B variable needed
 by John Kolb <jlkolb@jlkolb.cts.com>
 7) Re: Drake 2B variable needed
 by Rodger <wq9e@dtnspeed.net>
 8) Re: Drake 2B variable needed
 by wb3fau@att.net
 9) Repairing variable caps
 by "Herbert M. Rosenthal" <herbrose@comcast.net>
 10) Re: Repairing variable caps
 by Richard Post <postr@ohiou.edu>
 11) Indicator Loops Web Site
 by Jerry Proc <jerry7proc@yahoo.com>
 12) Re: Meter - glass seal
 by "Arden Allen" <gumbear@pacbell.net>
 13) GT550A Hygain parts rig
 by "Bob Kemp" <bkemp@bobkemp.com>
 14) Re: Indicator Loops Web Site
 by Robert Nickels <W9RAN@oneradio.net>
 15) Re: Indicator Loops Web Site
 by Dan Arney <hankarn@pacbell.net>
 16) Re: Indicator Loops Web Site
 by Jerry Proc <jerry7proc@yahoo.com>
 17) Cleaning plated chassis
 by "Tom Rauch" <w8ji@contesting.com>
 18) rust

 by "phil" <signetics@netzero.com>
 19) K6DGH
 by k9oco@jveras.com
 20) Re: rust
 by "K0DAN" <k0dan@comcast.net>
 21) KA8STS COY- SK
 by wb3fau@att.net
 22) Kenwood SW-2000 Manual ??
 by RICHARD SOLOMON <w1ksz@q.com>
 23) SB-200/SB-201 Parts Needed
 by "Gary H. Harmon, Jr" <gharmon@idworld.net>
 24) Hickok 440 semicond. curve tracer
 by "Dr. James C. Garland" <4cx250b@muohio.edu>

Message-ID: <02f301c8232f$72c4bbf0$640fa8c0@radioroom>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Meter - zero adjustment
Date: Fri, 9 Nov 2007 19:18:56 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

Hope you are recovering fast. Glad they caught it in time
John.

> No zero shift from flat-on-its-back to upright
> orientation: HP 403B AC-VM; HP 410B VTVM; Ballantine
> 300H; Phaestron 100 uA meter.

I managed the precision meter department at a meter
manufacturer for a while. We would balance the meters by
holding them pointer vertical and pointer horizontal.

We had a tiny nichrome heater that would soften the glue we
used on the counter weight springs to get them roughly
balanced. Then we would "twat" the weights by slightly
bending them for final balance. (Don't ask me why they
called it that. They were using that word when I got there
and still using it when I left.)

> I continue to marvel at the incredible complexity &
> delicacy of analog meters. Seems like brain surgery
> to have assembled them.

It was an interesting process. They assembled the whole
thing from scratch for a long time but eventually started
importing movements from Korea. When I left we were just
adding pointers to the movements, balancing them, and
mounting them in housings with custom scales.

If you think meters are fussy, you should visit Eimac!! Now
that's black art. Welding under a magnifier and all that
sensitive alignment of grids to bands of no oxide on striped
cathodes. I was always amazed any tubes would work.

Use clear silicon for your glass seal patching.

73 Tom

Date: Fri, 9 Nov 2007 18:50:51 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Meter - zero adjustment
Message-ID: <Pine.LNX.4.61.0711091849300.2296@hermes.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII; format=flowed

On Fri, 9 Nov 2007, John Sehring wrote:

> More on analog meters...
> Some of my meters' zero adjustment stay put no matter
> their orientation, vertical or horizontal. That shows
> good multi-axis, mechanical balance in the movement.

Maybe it's an old wives tale but I was always told years ago that VOMs
were designed to lay flat on their backs and VTVMs were designed to be
vertical.

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu
K9EUI W9ZGP WD2XSH/19
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Message-ID: <004501c8233c$76b60770$6401a8c0@boudreaux>

From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Beep Beep Beep Beacon
Date: Fri, 9 Nov 2007 19:53:13 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

http://science.nasa.gov/headlines/y2007/04oct_beaconmonitor.htm

Mime-Version: 1.0
Message-Id: <p06240805c35acd6ac0e6@[192.168.1.2]>
Date: Fri, 9 Nov 2007 18:53:30 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: Beep Beep Beep Beacon
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>http://science.nasa.gov/headlines/y2007/04oct_beaconmonitor.htm

I notice in the picture that he is using a Hammarlund receiver, so
there's some nice hollow state BA content.

Regards,

Scott

Mime-Version: 1.0
Message-Id: <p05210605c35ad4dc9615@[192.168.2.2]>
Date: Fri, 9 Nov 2007 19:32:40 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <postr@ohiou.edu>
Subject: Re: Meter - glass seal
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I've had good luck with Goop. Stays flexible but is tough, seems to
adhere to just about anything. Used it as you suggest, just a thin
coating on the outside periphery of the glass. Then press it back
onto the bakelite housing. Let it cure before reassembling the meter.

(Also use it to fix shoes, car weather stripping, etc., etc.)

73,

Rich KB8TAD

At 12:47 PM -0800 11/9/07, John Sehring wrote:
>The question is what kind of glue to use. Silicone is
>vy long-lasting & compliant but some emit acetic acid
>
>Most important is adhesion to both glass & bakelite.
>Perhaps the compliance of the adhesive ought to be
>considered as glass & bakelite deform differently
>under stress & temperature. It's also very remotely
>possible that the glass might have to be replaced so
>gorilla-like rigid glue is probably not the ticket.
>
>I could also just run a very thin bead of adhesive
>around the _outside_ of the glass, where it joins the
>meter case, still making sure the mechanical glass
>tighteners were tight.
>
>So what thinks the assembled multitude?
>
>--John WB0EQ/VE6
>

Date: Fri, 09 Nov 2007 22:19:29 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: John Kolb <jlkolb@jlkolb.cts.com>
Subject: Re: Drake 2B variable needed
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed; x-avg-checked=avg-ok-3A7D7FA8
Message-Id: <20071110055653.4569A6A8@warrior.concentric.com>

Also be aware that resoldering the entire stator group is the worst case problem. More often only one or two plates need to be bent to clear the short circuit.

Also often the tuning cap has a coil directly in parallel with it, which will cause the ohmeter to read 0 ohms. It's sometimes necessary to unwire the cap from the circuit.

John

At 08:26 AM 11/9/2007, Arden Allen wrote:

> > Seems that the variable cap in the preamp section is shorted
> > somewhere, and the cause of problem has eluded him.
>
>It's not quite the bane of all things radio. I can't count the number of
>times I have had to remedy tuning caps that had rubbing plates. Connecting
>an ohmeter from frame to stator and rotating the cap will verify that to be
>the cause of the short. It may require removal of the tuning cap and
>reheating of the stator mount solder blobs. What you do is install paper
>shims to automatically recenter the plates when the solder is heated. You
>need an iron that has a bunch of calories output to properly melt the solder
>without making a mess of things. If your friend hasn't the patience to fix
>the tuning cap have him send it to me. Better than causing another victim
>of organ robbers.
>
>Arden Allen
>KB6NAX
>
>
>
>--
>Internal Virus Database is out-of-date.
>Checked by AVG Free Edition.
>Version: 7.5.503 / Virus Database: 269.15.12/1097 - Release Date:
>10/28/2007 1:58 PM
>
>
>
>
>--
>Internal Virus Database is out-of-date.
>Checked by AVG Free Edition.
>Version: 7.5.503 / Virus Database: 269.15.12/1097 - Release Date:
>10/28/2007 1:58 PM

--
Internal Virus Database is out-of-date.
Checked by AVG Free Edition.
Version: 7.5.503 / Virus Database: 269.15.12/1097 - Release Date: 10/28/2007 1:58
PM

Message-ID: <473599D4.40204@dtnspeed.net>
Date: Sat, 10 Nov 2007 05:45:24 -0600
From: Rodger <wq9e@dtnspeed.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake 2B variable needed
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hi Arden,

Thanks for sharing the hint on the paper shims for centering the plates. When I restored my Johnson Pacemaker two of the little variable caps in the RF chain had shorting issues and in both cases I presume it was due to some form of bearing wear or the bearing taking a "set" as the entire set of rotor plates had shifted too close to one side of the stator plates. In both cases I was able to repair the capacitors by heating the rods holding the stator plates and shifting them slightly to the rear. I will admit that I was pretty surprised it worked as easily as it did. In any case, the capacitors are still fine several years later. Any thoughts on why this shifting rotor phenomenon occurs?

Rodger WQ9E

Arden Allen wrote:
> It's not quite the bane of all things radio. I can't count the number of
> times I have had to remedy tuning caps that had rubbing plates. Connecting
> an ohmeter from frame to stator and rotating the cap will verify that to be
> the cause of the short. It may require removal of the tuning cap and
> reheating of the stator mount solder blobs. What you do is install paper
> shims to automatically recenter the plates when the solder is heated. You
> need an iron that has a bunch of calories output to properly melt the solder
> without making a mess of things. If your friend hasn't the patience to fix
> the tuning cap have him send it to me. Better than causing another victim
> of organ robbers.
>
> Arden Allen
> KB6NAX
>
>
>
>

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Rodger <wq9e@dtnspeed.net>, Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake 2B variable needed
Date: Sat, 10 Nov 2007 13:40:35 +0000
Message-Id:
<111020071340.992.4735B4D3000927BA000003E022230682329B0A02D29B9B0EBF9A0E00CC0D99@att.net>

Sounds like you had a very "heated" situation in the ranger? Maybe a VFO meltdown?
Another common problem. Russ.

Message-ID: <4735C8AB.3080902@comcast.net>
Date: Sat, 10 Nov 2007 08:05:15 -0700
From: "Herbert M. Rosenthal" <herbrose@comcast.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Repairing variable caps
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Another way, though it sounds frightful:

Remove the cap from all circuitry (leave it in place on the chassis). Place a transformer-about 50 volts-with a current-limiting resistor about 10k (wirewound) in series with the 50 volts, across the rotor and stator, and rotate the capacitor. You will see (and perhaps hear) some sparking where the section is shorted. The offending short is often difficult to see with just an eyeball, but the sprking is quite apparent.

This procedure usually burns the short open. If you're a perfectionist, burnish the place in question to make it clean.

I'd first get a can of computer compressed air and blow the capacitor clean; often dust will collect and perhaps some tiny metal particles will cause the short.

Worked for me several times.

Previous thread about removing the capacitor from the circuit is most important.

Herb W5AN

Mime-Version: 1.0
Message-Id: <p05210600c35b8440fa86@[192.168.2.2]>
Date: Sat, 10 Nov 2007 08:14:29 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <postr@ohiou.edu>
Subject: Re: Repairing variable caps
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

That procedure has worked for me as well. My bench variac is always

fed by an isolation transformer. I use the isolated variac in series with a 5 watt night light bulb to limit the current. That way you can see the results when the bulb lights or doesn't.

Had a friend's family heirloom Crosley console that had the shorting cap problem in spades but there were no obvious bent plates on the tuning cap.

It turns out there were numerous sparks when rotating the cap in nearly every corner between the plates. It literally sparkled. After a while the sparks ceased and the cap was clean.

The problem? I asked my friend where the radio had been stored, perhaps near a coal fire furnace?

Yes, the dust that could not be removed easily was conductive. The sparks burned away the offending dust.

The Crosley still works to this day.

73
Rich

<http://tinyurl.com/hexco>

At 8:05 AM -0700 11/10/07, Herbert M. Rosenthal wrote:
>Another way, though it sounds frightful:
>
>Remove the cap from all circuitry (leave it in place on the
>chassis). Place a transformer-about 50 volts-with a current-limiting
>resistor about 10k

>eyeball, but the sprking is quite apparent.
>
>This procedure usually burns the short open. If you're a
>perfectionist, burnish the place in question to make it clean.
>

Date: Sat, 10 Nov 2007 13:14:49 -0500 (EST)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: Indicator Loops Web Site
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit
Message-ID: <197271.46494.qm@web90605.mail.mud.yahoo.com>

Hello Everyone,

Indicator Loops were developed by the Royal Navy in
the early 1900s to detect enemy submarines.
To read about this bygone technology, go to:

http://home.iprimus.com.au/waldingr/loops.htm

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Ask a question on any topic and get answers from real people. Go to Yahoo!
Answers and share what you know at http://ca.answers.yahoo.com

Message-ID: <001501c823de$bcc02500$589d480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Meter - glass seal
Date: Sat, 10 Nov 2007 13:14:44 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The question is what kind of glue to use.

Epoxy. JB Weld, for example, the slow curing version, will do an excellent job. Clean all surfaces with clean acetone. Remove excess squeeze-out with acetone or toluene dampened cloth. Allow 24 hour cure at room temp or less time with elevated temp. Several of my meters in test equipment have been thus repaired.

Arden Allen
KB6NAX

Message-ID: <000701c823f1$d996fa60$6501a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: GT550A Hygain parts rig
Date: Sat, 10 Nov 2007 17:31:41 -0600

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got a GT550A parts rig. I'll sell the
calibrator ($25 shipped) plus the rest of
the rig I'll part out. No VOX, all xtals,
cabinet, etc.. Also AC400 that works...$75
shipped for that.
Bob
wa0vrc

==========
Bob Kemp
Phone: 651-345-5345
FAX: 651-345-2707
mailto: bkemp@bobkemp.com
website: http://www.bobkemp.com
==========

Message-ID: <47366782.4050405@oneradio.net>
Date: Sat, 10 Nov 2007 20:22:58 -0600
From: Robert Nickels <W9RAN@oneradio.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Indicator Loops Web Site
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Jerry Proc wrote:
> Hello Everyone,
>
> Indicator Loops were developed by the Royal Navy in
> the early 1900s to detect enemy submarines.
>
>
Jerry,

Thanks for continuing to bring us these tidbits of vintage technology!
I find everything you pass along to be highly interesting and usually
something unique that I wasn't aware of before. Great stuff!

73, Bob W9RAN

Message-ID: <4736DF3C.3040103@pacbell.net>
Date: Sun, 11 Nov 2007 04:53:48 -0600
From: Dan Arney <hankarn@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Indicator Loops Web Site
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Jerry, I second Bob's statement for the Loops info and your other
tidbits of interesting sites in Canada.

Hank

KN6DI

Date: Sun, 11 Nov 2007 17:07:57 -0500 (EST)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: Re: Indicator Loops Web Site
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Message-ID: <728502.64403.qm@web90611.mail.mud.yahoo.com>

Thanks Bob,

I am learning more now than ever before.

--- Robert Nickels <W9RAN@oneradio.net> wrote:

>> Thanks for continuing to bring us these tidbits of
> vintage technology!
> I find everything you pass along to be highly
> interesting and usually
> something unique that I wasn't aware of before.
> Great stuff!
>
> 73, Bob W9RAN
>
>

--

Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail today or register for free at http://mail.yahoo.ca

Message-ID: <00df01c82541$adc12f40$640fa8c0@radioroom>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Cleaning plated chassis
Date: Mon, 12 Nov 2007 10:35:22 -0500
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

OK, what's the best way to clean and remove rust spots from
a zinc plated steel chassis?

Is there any way to replate small areas or disguise rust
damage?

73 Tom

Message-ID: <007201c82576$18fc0f80$e1baf904@y2t0o2>
From: "phil" <signetics@netzero.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: rust
Date: Mon, 12 Nov 2007 16:50:52 -0500
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="----=_NextPart_000_006F_01C8254C.2F8EF7A0"

This is a multi-part message in MIME format.

------=_NextPart_000_006F_01C8254C.2F8EF7A0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I use naval jelly. It reduces the rust, but does not

remove it entirely
Phil
------=_NextPart_000_006F_01C8254C.2F8EF7A0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

------=_NextPart_000_006F_01C8254C.2F8EF7A0--

Message-ID: <50909.72.147.80.59.1194906101.squirrel@www.islandemail.com>
Date: Mon, 12 Nov 2007 14:21:41 -0800 (PST)
Subject: K6DGH
From: k9oco@jveras.com
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain;charset=iso-8859-1

Does anyone have an e-mail address for Peter Brickey, K6DGH (or are you
here, Peter)?

Tnx/73-

Joe Veras, K9OCO

Message-ID: <003201c8258b$d797a2a0$6601a8c0@K0DAN>
From: "K0DAN" <k0dan@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: rust
Date: Mon, 12 Nov 2007 18:07:49 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

I didn't see the original thread, but there's a chemical avilable at Home
Depot & Lowes called Clean Strip Rust Converter. Not sure how applicable it

is to Boat Anchors, but I use it on patio furniture, automotive stuff, etc.

Anyway, you brush off surface rust, use Naval Jelly, etc., and when you have it as clean as you can, you brish this stuff on (it's kind of a semi-thick liquid) and let it dry. It reduce the rust and dries it into some kind of compound which can be painted, sealed, etc. Works pretty good!

Good luck es 73

Dan
K0DAN

----- Original Message -----
From: "phil" <signetics@netzero.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, November 12, 2007 3:50 PM
Subject: rust

I use naval jelly. It reduces the rust, but does not
remove it entirely
Phil

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: KA8STS COY- SK
Date: Tue, 13 Nov 2007 15:03:12 +0000
Message-Id:
<111320071503.8929.4739BCB0000300DD000022E122230650029B0A02D29B9B0EBF9A0E00CC0D99@att.net>

Almost a year late, [sorry Coy] I wish to pass along the notice of passing of a good friend, fellow BA man, and a real good conversationalist[?] He had serious problems with diabetes,
later complicated by cancer.
He built a lot of homebrew AM rigs, aways giving parts away to builders. Played a pretty good guitar too... 73s 88s SK Russ.

Message-ID: <BAY130-W3E97F73D57AE87CDD32B2E0800@phx.gbl>
Content-Type: multipart/alternative;
boundary="_8805a554-4db2-4596-a53b-7782ba602fd9_"
From: RICHARD SOLOMON <w1ksz@q.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Kenwood SW-2000 Manual ??
Date: Tue, 13 Nov 2007 20:16:02 +0000
MIME-Version: 1.0

--_8805a554-4db2-4596-a53b-7782ba602fd9_
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Is there a web site where I could find a pdf copy of the manual for
the Kenwood SW-2000 SWR Meter ? I misplaced mine in the move
and need to determine the size of the DC Connector.
Also, whether the center pin is +12 or -12.
=20
Thanks, Dick, W1KSZ/7=

--_8805a554-4db2-4596-a53b-7782ba602fd9_
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

--_8805a554-4db2-4596-a53b-7782ba602fd9_--

From: "Gary H. Harmon, Jr" <gharmon@idworld.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SB-200/SB-201 Parts Needed
Date: Wed, 14 Nov 2007 19:02:01 -0600
Message-ID: <00ab01c82723$2135ed20$4a01a8c0@garyh4i1k3x2lw>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="----=_NextPart_000_00AC_01C826F0.D69B7D20"

This is a multi-part message in MIME format.

------=_NextPart_000_00AC_01C826F0.D69B7D20
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I need the following parts from a SB-200 or SB-201:

1. Front panel.

2. Perforated cover that screws down over the linear.

Cash or trade.

73, gary

Gary H. Harmon, Jr. / K5JWK
6003 Archwood
San Antonio, TX 78239-1504
210.657.1549 h / 210.884.6926 c

"Retirement - Everyday (except Sunday) is a Saturday"

------=_NextPart_000_00AC_01C826F0.D69B7D20
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

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From: "Dr. James C. Garland" <4cx250b@muohio.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hickok 440 semicond. curve tracer
Date: Wed, 14 Nov 2007 18:17:31 -0700
Message-ID: <020601c82725$4e1a9fa0$bd00a8c0@Garland>
MIME-Version: 1.0
Content-Type: multipart/alternative;
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This is a multi-part message in MIME format.

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Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Anybody got a schematic for an old Hickok 440 curve tracer? Mine stopped
working and I don't have any documentation for it. It's a 1970s vintage

device, and I use it with a Tek 601 display I bought at a hamfest for $15.
I use it all the time, so hope I can fix it.

Tnx,

Jim W8ZR

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Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
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End of BOATANCHORS Digest 4108
